Index of Claims

| App | licatio | n/Contro | il No. |
|-----|---------|----------|--------|

10/820,482

Examiner

Lei Yao, Ph.D.

Applicant(s)/Patent under Reexamination

FARRELL ET AL.

Art Unit

1642

| | √ | Rejected |
|---|----------|----------|
| ĺ | | A 11 |

| _ | (Through numeral) Cancelled |
|---|--------------------------------|
| | Postriotod |

| N | Non-Elected |
|---|--------------|
| _ | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | | L | L | | | | J | | | | | | | | | | ١ | _ | | | | | _ | _ | Ь_ | _ |
|----------|----------|--------------|----------|----------------|------------|--|----------|--|-----------------|----------|------------|-----------|----------|----------|--------------|---------|---------|--|--|----------------|----------|----------|------------|---------|--|-----------|
| Cla | aim | Г | | | | Date | | | | \neg | Γ. | Clai | m | | | | Dat | : _ | | | \neg | | laim | \top | | |
| <u> </u> | | - | Г | | | <u> </u> | Ť | | П | \dashv | - <u>`</u> | <u> </u> | | T | Т | Т | T | Ť | Г | | \dashv | | T | + | Τ | Т |
| <u>~</u> | Original | 10/12/05 | ļ | | | | | | | | - | : | Original | | | | | | | | | <u></u> | Original | | | |
| Finat | Ē | 12 | | | | l | | | | | Final | | 흔 | | | | | | | | | Final | į | | | |
| - | 0 | ۱۲ | | | | | | | | İ | - | | 0 | 1 | | | | | | | | - | 0 | | | |
| | 1 | + | | | | | | | | ᆿ | | \dagger | 51 | + | + | \top | T | + | | | ┪ | | 101 | + | T | T |
| | 2 | + | | _ | | | Г | \vdash | | \neg | | | 52 | _ | \top | \top | \top | T | \vdash | | \neg | | 102 | | \vdash | T |
| | 3 | | | | | | | | | \neg | | | 53 | \top | \top | ╁ | 1- | 1 | | | T | | 103 | | Т | T |
| | 4 | + | | | | | t | | | | | | 54 | | T | \top | T | | Г | | \neg | | 104 | | Г | T |
| | 5 | Г | | | | Γ | | П | | | | \neg | 55 | T | T | | | | Π | | \neg | | 105 | | П | Т |
| | 6 | + | П | | | П | | | | | | | 56 | | T | | | | | | | | 106 | | П | Π |
| | 7 | + | | | | | | | | | | | 57 | | | Ι. | | Ĭ | | | | | 107 | | | |
| | 8 | + | | | | | | | | | | | 58 | | \perp | \perp | | | | | | | 108 | | | |
| | 9 | + | | | | | | | | | | | 59 | | | | | | | | | | 109 | | L | |
| | 10 | + | | | | _ | L | | | _ | | | 60 | | \perp | | | | | | | | 110 | | | 1_ |
| | 11 | + | | | | | | | | _ | <u> </u> | | 61 | _ | ┸ | \perp | 1 | <u> </u> | | Щ | | <u> </u> | 111 | | <u> </u> | ┖ |
| | 12 | | | | | <u> </u> | _ | | | | <u> </u> | | 62 | | 4 | _ | _ | _ | _ | | | | 112 | | Ь. | |
| | 13 | + | | | | <u> </u> | <u> </u> | _ | Ш | | <u> </u> | | 63 | _ | 4 | \bot | \bot | ↓ | L | _ | | ļ | 113 | | ـــــ | 1 |
| | 14 | | | | _ | <u> </u> | <u> </u> | _ | | | | | 64 | _ | \perp | 4 | \bot | 1 | - | _ | | | 114 | | ₩ | ╄ |
| | 15 | + | <u> </u> | | _ | <u> </u> | <u> </u> | _ | | | - | | 65 | + | + | + | ╀ | ₩ | _ | _ | | <u> </u> | 115 | | ₩ | ╄ |
| | 16 | _ | · | | | <u>'</u> | ├- | | \vdash | \dashv | | | 66 | + | + | + | +- | ┼ | - | | { | - | 116 | | | ╀ |
| - | 17 | + | - | | - | - | ├ | _ | | \dashv | <u> </u> | | 67 | - | + | + | + | | \vdash | - | { | - | 117 | | ┼ | ┿ |
| - | 18 19 | + | - | | _ | | - | _ | \vdash | \dashv | - | | 68 69 | + | + | + | ╁ | ╁ | - | - | | | 118 | | +- | \vdash |
| | 20 | + | | | | - | ├ | - | | \dashv | | | 70 | ┰ | ╅ | + | ╫┈ | ╁ | - | \dashv | | - | 120 | | ╁┈ | +- |
| - | 21 | + | | | | - | - | ⊢ | \vdash | \dashv | - | | 71 | + | ╁ | + | ┿ | ╁╾ | ╁╌ | | | | 121 | | ┼ | +- |
| | 22 | + | | \vdash | | ┝ | - | - | \vdash | \dashv | \vdash | | 72 | + | ╁ | ┿ | ╁ | ╁ | - | \dashv | ᅱ | | 122 | | ╁ | + |
| - | 23 | + | \vdash | \vdash | _ | \vdash | ┢ | ╁ | - | \dashv | - | + | 73 | + | + | + | + | ╁╴ | ╁ | | \dashv | \vdash | 123 | | \vdash | +- |
| | 24 | + | \vdash | _ | _ | - | \vdash | ┢ | \vdash | \dashv | - | | 74 | + | + | + | + | 1 | \vdash | | \dashv | | 124 | | | + |
| | 25 | + | \vdash | | | | | | | \neg | | | 75 | | † | + | + | ╁╌ | | | - | | 125 | | 1 | + |
| | 26 | | | | | | | | | | | | 76 | \top | T | \top | T | Т | 一 | | \neg | | 126 | | _ | T |
| | 27 | | | | | | \vdash | | \neg | | | | 77 | \top | + | \top | \top | | | | | | 127 | | | T |
| | 28 | | \vdash | | | | | | | | | | 78 | | T | 1 | 1 | 1 | | | | | 128 | | | Т |
| | 29 | | | | | | | | | | | Т | 79 | | T | | | Τ | | | | | 129 | | | Γ |
| | 30 | | | | | | | | | | | | 80 | | П | | | | | | | | 130 | | | |
| | 31 | | | | | | | | | | | | 81 | | \perp | | \perp | | | | | | 131 | | | |
| | 32 | L. | _ | | | | | | | | | | 82 | | \perp | \perp | 1 | | | | _ | | 132 | | <u> </u> | |
| | 33 | L | _ | | | | | | | _ | - | | 83 | _ | ┸ | \perp | _ | <u> </u> | <u> </u> | | _ | _ | 133 | | ↓_ | L |
| <u> </u> | 34 | <u> </u> | <u> </u> | | ļ | <u> </u> | ļ | L | Щ | _ | <u> </u> | | 84 | _ _ | \downarrow | | \bot | ↓_ | ـــ | | _ | ļ | 134 | | \vdash | \perp |
| <u> </u> | 35 | _ | <u> </u> | Ш | <u>L</u> . | _ | ┞ | \vdash | \sqcup | _ | <u> </u> | | 85 | | 4 | 4 | + | ــــ | ـــ | Ш | \dashv | <u> </u> | 135 | | \vdash | \vdash |
| | 36 | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | \vdash | \sqcup | _ | \vdash | | 86 | + | + | + | + | | \vdash | Щ | 4 | <u> </u> | 136 | + | ₩- | + |
| <u> </u> | 37 | - | \vdash | | <u> </u> | ļ | - | <u> </u> | | | <u> </u> | | 87 | - | + | + | + | 1 | \vdash | H | - | | 137 | | ₩ | + |
| | 38 | ├ | <u> </u> | \vdash | <u> </u> | | - | \vdash | \vdash | \dashv | - | | 88 | + | + | + | + | 1- | \vdash | \vdash | - | | 138 | | \vdash | ╀ |
| | 39 40 | | | $\vdash\vdash$ | \vdash | | <u> </u> | \vdash | $\vdash \vdash$ | \dashv | | | 89 | + | + | + | + | + | ⊢ | H | \dashv | | 139 140 | | + | ╀ |
| ļ | 41 | - | \vdash | Н | <u> </u> | | | H | - | | - | | 90 91 | \dashv | ╁ | + | + | + | ├ | $\vdash\vdash$ | \dashv | \vdash | 141 | + | \vdash | ╁ |
| \vdash | 42 | | ├─ | - | | | ⊢ | | | \dashv | - | | 92 | + | + | + | + | ╁ | \vdash | \dashv | \dashv | - | 142 | | ╁ | ╁ |
| | 43 | - | - | \vdash | - | - | \vdash | \vdash | \vdash | \dashv | <u> </u> | + | 93 | + | + | + | + | | \vdash | Н | \dashv | - | 143 | | + | + |
| | 44 | - | \vdash | \vdash | \vdash | | \vdash | | \vdash | \dashv | | | 94 | + | ╁ | + | +- | \vdash | +- | Н | \dashv | | 144 | | \vdash | + |
| | 45 | \vdash | | H | | <u> </u> | 1 | \vdash | - | \dashv | \vdash | + | 95 | + | + | + | + | t | \vdash | Н | \dashv | - | 145 | + | T | \dagger |
| | 46 | | \vdash | | М | | | Т | \vdash | \dashv | | | 96 | \dashv | \dagger | + | 1 | T | Τ | \vdash | \neg | | 146 | | \vdash | T |
| | 47 | \vdash | \vdash | П | | | Г | Г | \vdash | \neg | | \top | 97 | \top | T | \top | + | T | T | П | | | 147 | 1 | | T |
| | 48 | | | | | | | | | | | | 98 | \dashv | T | 1 | 1 | T | T | П | | | 148 | | Т | T |
| | 49 | Г | Г | | | | T | | \Box | \neg | | \neg | 99 | | T | 1 | 1 | 1. | 1 | | | | 149 | | | Τ |
| | 50 | | | | | | | | | | | 1 | 100 | Ⅱ | I | | | L | | | | | 150 | \perp | Γ | Ι |
| | | | | | | | | | | | _ | _ | | | | | - | | | | | | | | | - |

| CI | aim | | | | | Date | | | | \neg |
|---------|--|----------|----------|--------------------|----------|------|----------|---|---|--------------|
| - | - 1 | | | | | | | | | П |
| <u></u> | Original | | | | | | | | | |
| Final | rig | | | | | | | | | |
| | | | | | : | | | | | |
| | 101 102 103 | | | | | | - | | | П |
| | 102 | | | | | | | | | |
| | 103 | | | | | | | | | |
| | 104 105 | | | | | | | | | |
| | 105 | | | | | | | | | П |
| | 106 | | | | | | | | | |
| | 107 | | | | | | | | | П |
| | 108 | | | | | | | | | |
| | 109 110 | | | | | | | | | \Box |
| | 110 | | | | | | | | | |
| | 111 | | | | | | | | | |
| | 112 | | | | | | | | | |
| | 112 113 114 115 116 | | | | | | | | | |
| | 114 | | | | | | | | | |
| | 115 | | | | | | | | | |
| | 116 | | | | | | | | | |
| | 117 118 | | | | | | | | | П |
| | 118 | | | | | | | | | П |
| | 1110 | | | | | | | | | |
| | 120 121 122 | | | | | | | | | П |
| | 121 | | | - | | | | | | П |
| | 122 | | | | | | | | | П |
| | 123 124 125 126 127 128 129 130 | | | | | | | | | |
| | 124 | | | | | | | | | П |
| | 125 | | | | | | | | | П |
| | 126 | | | | | | | | | |
| | 127 | | | | | | | | | |
| | 128 | | | | | | | | | |
| | 129 | | | | | | | | | |
| | 130 | | | | | | | | | |
| | 131 | | | | | | | | | |
| | 132 | | | | | | | | | |
| | 131 132 133 | | | | | | | | | |
| | 134 135 | | | | | | | | | |
| L | 135 | | | | | | | | | |
| | 136 | | | | | | | | | $oxed{oxed}$ |
| | 137 | | | | | | | | | |
| | 138 | | | | | | | | | |
| | 139 | <u> </u> | <u> </u> | | | | 匚 | $oxedsymbol{oxedsymbol{oxedsymbol{eta}}}$ | | Ш |
| | 140 | _ | | Ш | <u> </u> | _ | _ | | L | Ш |
| | 141 | | | $oxedsymbol{oxed}$ | | | _ | | | Ш |
| | 142 | | <u> </u> | | | | _ | | L | Ш |
| L | 143 | L | | L | | | <u> </u> | | | Ш |
| | 144 | | | | | | | | | \Box |
| | 145 | | | | | | | | | |
| | 146 | | | | | | | | | |
| | 147 | \Box | | | Ĺ | Ĺ | | | L | |
| | 148 | | | | | | | L | L | |
| | 149 | | | | | | | | | |
| | 150 | | | | | | | | | |